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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 19

**Complete if Known**

Application Number	10/830,211
Filing Date	April 21, 2004
First Named Inventor	Fei Ge
Art Unit	2168
Examiner Name	Morrison, Jay A
Attorney Docket Number	50277-2433

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>** (if known)</sup>	MM-DD-YYYY		
		5,313,629	05-17-1994	Abraham et al.	
		5,257,366	10-26-1993	Adair et al.	
		2002/0124100	09-05-2002	Adams	
		2003/0065659	04-03-2003	Agarwal et al.	
		6,236,988	05-22-2001	Aldred	
		5,892,535	04-06-1999	Allen et al.	
		6,609,121	08-19-2003	Ambrosini et al.	
		5,999,941	12-07-1999	Andersen	
		6,964,025	11-08-2005	Anguilo et al.	
		6,339,382	01-15-2002	Arbinger et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Jay Morrison/	Date Considered	12/13/2010
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		6,230,310	05-08-2001	Arrouye et al.	
		5,504,892	04-02-1996	Atsatt et al.	
		5,758,153	05-26-1998	Atsatt, et al.	
		7,216,127 B2	05-08-2007	Auerbach	
		6,778,977	08-17-2004	Avadhanam et al.	
		5,467,471	11-14-1995	Bader	
		5,819,275	10-06-1998	Badger et al.	
		7,043,488	05-09-2006	Baer et al.	
		5,680,614	10-21-1997	Bakuya et al.	
		5,937,406	08-10-1999	Balabine et al.	
		6,442,548	08-27-2002	Balabine et al.	
		5,842,212	11-24-1998	Balluvio, et al.	
		2005/0097084 A1	05-2005	Balmin et al.	
		7,315,852 B2	01-2008	Balmin et al.	
		5,295,256	03-15-1994	Bapat	
		6,038,563	03-14-2000	Bapat et al.	
		5,524,240	06-04-1996	Barbara, et al.	
		6,212,512	04-03-2001	Barney et al.	
		5,247,658	09-21-1993	Barrett et al.	
		7,171,407 B2	01-30-2007	Barton et al.	
		5,388,257	02-07-1995	Bauer	
		6,370,548	04-09-2002	Bauer et al.	
		6,772,350	08-03-2004	Belani et al.	
		2003/0158897	08-21-2003	Ben-Natan	
		5,917,492	06-29-1999	Berciter et al.	

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		6,826,568	11-20-2004	Bernstein et al.	
		5,369,763	11-29-1994	Biles	
		2003/0172135	09-11-2003	Bobick et al.	
		5,226,137	07-06-1993	Bolan et al.	
		6,389,433	05-14-2002	Bolosky et al.	
		5,684,990	11-04-1997	Boothby	
		5,940,591	08-17-1999	Boyle et al.	
		2003/0212664 A1	11-13-2003	Breining et al.	
		2004/0267760 A1	12-30-2004	Brundage et al.	
		6,718,322	04-06-2004	Brye	
		6,088,694	07-11-2000	Burns et al.	
		6,341,289	01-22-2002	Burroughs et al.	
		6,029,160	02-22-2000	Cabrera et al.	
		2004/0225680	11-11-2004	Cameron et al.	
		6,233,729	05-15-2001	Campara et al.	
		5,987,506	11-16-1999	Carter et al.	
		2002/0188613 A1	12-12-2002	Chakraborty et al.	
		2004/0010752 A1	01-15-2004	Chan et al.	
		2004/0088415	05-06-2004	Chandrasekar et al.	
		2005/0228792 A1	10-01-2005	Chandrasekaran et al.	
		2008/0222087	09-2008	Balmin et al.	
		2004/0163041	08-2004	Engel	
		5,999,936	12-1999	Pattison et al.	
		2007/0043696	02-2007	Haas et al.	
		2008/0091623 A1	04-17-2008	Idicula et al.	

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		5,737,736	04-07-1998	Chang	
		6,584,459 B1	06-24-2003	Chang et al.	
		6,240,407	05-29-2001	Chang et al.	
		6,643,633 B2	11-04-2003	Chau et al.	
		6,636,845	10-21-2003	Chau et al.	
		2002/0123993	09-05-2002	Chau et al.	
		2002/0133484	09-19-2002	Chau et al.	
		2002/0156772	10-24-2002	Chau et al.	
		2003/0014397	01-16-2003	Chau et al.	
		6,519,597 B1	02-11-2003	Cheng et al.	
		6,366,934	04-02-2002	Cheng et al.	
		6,697,805 B1	02-24-2004	Choquier et al.	
		6,029,175	02-22-2000	Chow et al.	
		5,960,194	09-28-1999	Choy et al.	
		5,915,253	06-22-1999	Christiansen	
		2003/0093672	05-15-2003	Cichowlas	
		6,708,186	03-16-2004	Claborn et al.	
		2005/0038688 A1	02-17-2005	Collins et al.	
		6,725,212	04-20-2004	Couch et al.	
		6,704,739	03-09-2004	Craft et al.	
		2004/0210573 A1	10-21-2004	Abe et al.	
		6,018,747	01-25-2000	Burns et al.	
		2007/0271305 A1	11-22-2007	Chandrasekar et al.	
		2002/0056025 A1	05-09-2002	Chaoxin, et al.	
		2003/0069881 A1	04-2003	Huttunen	
		6,598,055	07-22-2003	Keesey et al.	
		2004/0268244 A1	12-30-2001	Levanoni et al	

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Attorney Docket Number	50277-2433

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		5,506,991	04-09-1996	Curry et al.	
		5,897,632	04-1999	Dar et al.	
		5,307,490	04-26-1994	Davidson et al.	
		2003/0084056	05-01-2003	DeAnna et al.	
		2002/0073019 A1	06-13-2002	Deaton	
		6,055,544	04-25-2000	DeRose et al.	
		2003/0177341 A1	09-18-2003	Devillers	
		2002/0116371	08-22-2002	Dodds et al.	
		2004/0177080	09-09-2004	Doise et al.	
		6,115,741	09-05-2000	Domenikos et al.	
		6,438,550	08-20-2002	Doyle et al.	
		5,878,434	03-02-1999	Draper et al.	
		6,449,620	09-10-2002	Draper et al.	
		6,269,431	07-31-2001	Dunham	
		6,684,227	01-27-2004	Duxbury	
		2004/0230893	11-18-2004	Elza et al.	
		2002/0116457 A1	08-22-2002	Eshleman et al.	
		5,561,763	10-01-1996	Eto et al.	
		5,724,577	03-03-1998	Exley et al.	
		5,991,771	11-23-1999	Falls et al.	
		5,978,791	11-02-1999	Farber et al.	
		6,389,427	05-14-2002	Faulkner	
		6,154,741	11-28-2000	Feldman	
		6,604,100	08-05-2003	Fernandez et al.	
		6,785,673	08-31-2004	Fernandez et al.	
		2006/0021246 A1	02-02-2006	Schulze et al.	
		2004/0083209 A1	04-29-2004	Shin	

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		6,704,747	03-09-2004	Fong	
		5,701,467	12-23-1997	Freeston	
		5,682,524	10-28-1997	Freund et al.	
		6,321,219	11-20-2001	Gainer et al.	
		6,732,222	05-04-2004	Garritsen et al.	
		6,393,435	05-21-2002	Gartner et al.	
		6,721,723	04-13-2004	Gibson et al.	
		6,370,537	04-09-2002	Gilbert et al.	
		5,848,246	12-08-1998	Gish	
		6,061,684	05-09-2000	Glasser et al.	
		6,199,195	03-06-2001	Goodwin et al.	
		7,162,485 B2	01-09-2007	Gottlob et al.	
		5,202,982	04-13-1993	Gramlich et al.	
		6,438,562	08-20-2002	Gupta et al.	
		5,921,582	07-13-1999	Gusack	
		6,112,209	08-29-2000	Gusack	
		6,192,373	02-20-2005	Haegele	
		6,754,661	06-22-2004	Hallin et al.	
		2003/0009361	01-09-2003	Hancock et al.	
		6,539,398	03-25-2003	Hannan et al.	
		6,366,921	04-02-2002	Hansen et al.	
		5,530,849	06-25-1996	Hanushevsky, et al.	
		2003/0167277	09-04-2003	Hejlsberg et al.	
		5,499,371	03-12-1996	Henninger et al.	
		2002/0133484	09-19-2002	Hoang et al.	
		2006/0129584	06-15-2006	Hoang et al.	

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	6,185,574	02-06-2001	Howard et al.	
	6,192,273	02-20-2001	Igel, et al.	
	5,905,990	05-18-1999	Inglett	
	5,566,331	10-15-1996	Irwin, Jr. et al.	
	2005/0120031 A1	06-02-2005	Ishii	
	6,611,843	08-26-2003	Jacobs	
	6,681,221	01-20-2004	Jacobs	
	2005/0050058	03-03-2005	Jain et al.	
	2005/0050092	03-03-2005	Jain et al.	
	5,210,686	05-11-1993	Jernigan	
	6,141,655	10-31-2000	Johnson et al.	
	2004/0044659 A1	03-04-2004	Judd et al.	
	2002/0184401	12-05-2002	Kadel Jr. et al.	
	2003/0105732	06-05-2003	Kagalwala et al.	
	6,119,118	09-12-2000	Kain, III et al.	
	5,802,518	09-01-1998	Karaev et al.	
	5,822,511	10-13-1998	Kashyap et al.	
	5,838,965	11-17-1998	Kavanagh, et al.	
	2002/0035606	03-21-2002	Kenton	
	2001/0037345	11-01-2001	Kiernan et al.	
	6,247,024	06-12-2001	Kincaid	
	5,734,887	03-31-1998	Kingberg et al.	
	5,870,590	02-09-1999	Kita et al.	
	6,470,344	10-22-2002	Kothuri et al.	
	6,801,224 B1	10-05-2004	Lewallen	
	6,662,342 B1	12-09-2003	Marcy	

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		6,871,204	03-22-2005	Krishnaprasad et al.	
		2002/007068 A1	06-20-2002	Krishnaprasad et al.	
		2004/0220946	11-04-2004	Krishnaprasad et al.	
		2005/0289175	12-29-2005	Krishnaprasad et al.	
		2007/0011167 A1	01-11-2007	Krishnaprasad et al.	
		6,915,304	07-05-2005	Krupa	
		2002/0156811	10-24-2002	Krupa	
		6,023,765	02-08-2000	Kuhn	
		6,343,287	01-29-2002	Kumar et al.	
		2003/0182624	09-25-2003	Large	
		6,101,500	08-08-2000	Lau	
		2003/0131051 A1	07-10-2003	Lection et al.	
		2002/0167788	11-14-2002	Lee et al.	
		7,031,956 B1	04-18-2006	Lee et al.	
		5,574,915	11-12-1996	Lemon et al.	
		2002/0152267 A1	10-17-2002	Lennon	
		5,544,360	08-06-1996	Lewak et al.	
		6,675,230	01-06-2004	Lewallen	
		2002/0087596	07-04-2002	Lewontin	
		6,574,655	06-03-2003	Libert et al.	
		6,615,203	09-2003	Lin et al.	
		2004/0103105 A1	05-27-2004	Lindblad et al.	
		7,171,404 B2	01-30-2007	Lindblad et al.	
		2005/0138047	06-23-2005	Liu et al.	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	10/830,211
Filing Date	April 21, 2004
First Named Inventor	Fei Ge
Art Unit	2168
Examiner Name	Morrison, Jay A
Attorney Docket Number	50277-2433

Sheet 9 of 19

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number (Number-Kind Code <sup>2</sup> of Patent)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2006/0031204	02-09-2006	Liu et al.	
		2006/0031233	02-09-2006	Liu et al.	
		2005/0289125 A1	12-29-2005	Liu et al.	
		6,496,842	12-17-2002	Lyness	
		5,454,101	09-26-1995	Mackay et al.	
		5,625,815	04-29-1997	Maier et al.	
		2001/0049675 A1	12-06-2001	Mandler et al.	
		2002/0184188	12-05-2002	Mandyam et al.	
		7,120,645 B2	10-2006	Manikutty et al.	
		6,836,778	12-28-2004	Manikutty et al.	
		2004/0220912	11-04-2004	Manikutty et al.	
		6,092,086	07-18-2000	Martin et al.	
		2004/0103282	05-27-2004	Meier et al.	
		2005/0010896	01-13-2005	Meliksetian et al.	
		6,421,692	07-16-2002	Milne et al.	
		2004/0148278 A1	07-29-2004	Milo et al.	
		6,003,040	12-14-1999	Mital et al.	
		6,189,012	02-13-2001	Mital et al.	
		5,327,556	07-05-1994	Mohan et al.	
		6,826,727	11-30-2004	Mohr et al.	
		2003/0140308	07-24-2003	Murthy et al.	
		2004/0220927	11-04-2004	Murthy et al.	
		2005/0228786	10-01-2005	Murthy et al.	
		2005/0228818	10-2005	Murthy et al.	

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		6,029,166	02-22-2000	Mutalik et al.	
		6,301,605	10-09-2001	Napolitano et al.	
		6,263,332	07-17-2001	Nasr et al.	
		6,438,540	08-20-2002	Nasr et al.	
		2002/0198874	12-26-2002	Nasr et al.	
		5,568,640	10-22-1996	Nishiyama et al.	
		6,446,091	09-03-2002	Noren et al.	
		5,878,415	03-02-1999	Olds	
		6,212,557	04-03-2001	Oran	
		2005/0091188 A1	04-28-2005	Pal et al.	
		2004/0088320 A1	05-06-2004	Perry	
		2006/0074901	04-2006	Pirahesh et al.	
		5,404,513	04-04-1995	Powers et al.	
		6,920,457	07-19-2005	Pressmar	
		2002/0056025	05-09-2002	Qiu et al.	
		5,689,706	11-18-1997	Rao et al.	
		7,194,462	03-2007	Riccardi et al.	
		2004/0255046	12-16-2004	Ringseth et al.	
		2002/0015042	02-07-2002	Robotham et al.	
		2005/0257201 A1	11-17-2005	Rose et al.	
		5,983,215	11-09-1999	Ross et al.	
		2003/0101194	05-29-2003	Rys et al.	
		5,974,407	10-26-1999	Sacks	
		6,330,573 B1	12-11-2001	Salisbury et al.	
		6,397,231	05-28-2002	Salisbury et al.	
		2003/0004937	01-02-2003	Salmenkaita et al.	

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Application Number	10/830,211
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First Named Inventor	Fei Ge
Art Unit	2168
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Attorney Docket Number	50277-2433

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		2004/0176958	09-09-2004	Salmenkaita et al.	
		5,964,407	10-12-1999	Sandkleva	
		2004/0205551 A1	10-14-2004	Santos	
		6,012,067	01-04-2000	Sarkar	
		6,418,448	07-09-2002	Sarkar	
		6,023,706	02-08-2000	Schmuck et al.	
		6,594,675	07-15-2003	Schneider	
		5,832,526	11-03-1998	Schuylter	
		6,427,123 B1	07-30-2002	Sedlar	
		6,571,231	04-27-2003	Sedlar	
		6,208,993	03-27-2001	Shadmon	
		2002/0143512	10-03-2002	Shamoto et al.	
		5,546,571	08-13-1996	Shan, et al.	
		6,279,006	08-21-2001	Shigemi et al.	
		2003/212662 A1	11-13-2003	Shin et al.	
		7,139,746 B2	11-21-2006	Shin et al.	
		5,295,261	03-15-1994	Simonetti	
		2004/0043758	03-04-2004	Sorvari et al.	
		6,128,610	10-03-2000	Srinivasan et al.	
		2002/0120685	08-29-2002	Srivastava et al.	
		2005/0050016 A1	03-03-2005	Stanoi et al.	
		6,542,898	04-01-2003	Sullivan et al.	
		6,052,122	04-18-2000	Sutcliffe et al.	
		2002/0038358	03-28-2002	Sweatt III et al.	
		2007/0083809 A1	04-12-2007	Tarachandani et al.	

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**Complete if Known**

Application Number	10/830,211
Filing Date	April 21, 2004
First Named Inventor	Fei Ge
Art Unit	2168
Examiner Name	Morrison, Jay A
Attorney Docket Number	50277-2433

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		5,410,691	04-25-1995	Taylor	
		6,349,295	02-19-2002	Tedesco et al.	
		5,643,633	07-01-1997	Telford et al.	
		6,836,857	12-28-2004	Ten-Hove et al.	
		2003/0078906	04-24-2003	Ten-Hove et al.	
		6,269,380	07-31-2001	Terry et al.	
		6,111,578	08-29-2000	Tesker	
		5,463,772	10-31-1995	Thompson et al.	
		2005/0228791 A1	10-2005	Thusoo et al.	
		2005/0229158 A1	10-13-2005	Thusoo et al.	
		6,298,349	10-02-2001	Toyoshima et al.	
		6,279,007	08-21-2001	Uppala	
		6,356,920	03-12-2002	Vandersluis	
		4,993,025	02-12-1991	Vesel et al.	
		2004/0167864 A1	08-26-2004	Wang et al.	
		2005/0065949 A1	03-2005	Warner et al.	
		7,386,568 B2	06-2008	Warner et al.	
		5,918,225	06-29-1999	White et al.	
		2003/0226111	12-04-2003	Wirts et al.	
		6,487,546	11-26-2002	Witkowski	
		6,182,121	01-30-2001	Wlascin	
		2004/0230667	11-18-2004	Wookey	
		6,795,821	09-21-2004	Yu	
		2002/0194157	12-19-2002	Zait et al.	
		5,630,125	04-13-1997	Zellweger	

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Application Number	10/830,211
Filing Date	April 21, 2004
First Named Inventor	Fei Ge
Art Unit	2168
Examiner Name	Morrison, Jay A
Attorney Docket Number	50277-2433

Sheet 13 OF 19

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		GOLDMAN, ROY, ET AL., "DataGuides: Enabling Query Formulation and Optimization in Semistructured Databases", The International Conference on Very Large Data Bases, 1997, 21 pages.	
		MICROSOFT, "Microsoft Computer Dictionary", 2002, Microsoft Press, Fifth Edition, 3 pages.	
		GIRARDOT ET AL., "Millau: an encoding format for efficient representation and exchange of XMLOver the Web", IBM Almaden Research Center, 24 pages, June 2000.	
		SHANKAR PAL ET AL., "Indexing XML Data Stored in a Relational Database", Proceedings of the 30 <sup>th</sup> VLDB Conference, 2004, 12 pages.	
		MACKENZIE ET AL., "Finding Files", FindUtils, Version 4.1.2, Source Code, GNU.org, November 1997, source files, code. C, 22 pages.	

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**Complete if Known**

Application Number	10/830,211
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		CORMEN ET AL., "Introduction to Algorithms", MIT Press, 2001, 2 <sup>nd</sup> Edition, 4 pages.	
		AL-KHALIFA, S. ET AL., "Structural Joins: A Primitive for Efficient XML Query Pattern Matching", 26 Feb.-1 March 2002, Data Engineering, 2002. Proceedings. 18th International Conference, pages 141-152.	
		BANERJEE, VISHU KRISHNAMURTHY et al., "Oracle8i - The XML Enabled Data Management System" - Oracle Corporation, March 2000 IEEE pps: 561-568.	
		BOURRET, R. et al.: A generic Load/Extract Utility for Data Transfer Between XML Documents and Relational Databases, 8-9 June 2000, IEEE Computing SOC., pages 134-143.	
		BRAGA, DANIELE, et al., "A Graphical Environment to Query XML Data with Query," Proceedings of the Fourth International Conference on Web Information Systems Engineering (WISE '03), 2003, IEEE, 10 pages.	
		CHAE, MI-OK, et al., "Design and Implementation of an Object-Oriented Multimedia DBMS Tightly Coupled with Information Retrieval Functions," Proc. 17 <sup>th</sup> IASTED International Conference on Applied Informatics, February 15-18, 1999, abstract.	
		CHAKRABORTY, KRISHNENDU, "The XML Garbage Collector", The Source for Developers, Sun Developer Network Site XP-002297849, March 2002.	

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		CHEN, RUEY-SHUN et al., "Developing an XML framework for metadata system", Trinity College Dublin, Proc. of the 1st Inter. Sympo. on Information and Communication, <u>pages 267-272. 2003, pages 267-272.</u>	/J.M./
		CHENG, JOSEPHINE, et al., "IBM DB2 XML Extender, An end-to-end solution for storing and retrieving XML documents.", IEEE, ICDE '00 Conference, San Diego, February 2000, 128 pages.	
		CHOI, BYRON et al., "The XQuery Formal Semantics: A Foundation for Implementation Optimization," May 31, 2002, IEEE XP-002353605, 15 pages.	
		COOPER, BRIAN F. et al., " A Fast Index for Semistructured Data ,," Proceeding of the International Conference on Very Large Databases, 2001, XP-002303292, pp. 341-350.	
		DAYEN, I., "Storing XML in Relational Databases", XML.com XP-002275971(1998-2004) pages 1-13.	
		DIAO, Y. et al., "Path Sharing and Predicate Evaluation for High-Performance XML Filtering" XP-002344354 ACM Transactions on Database Systems (2003), Pages 467-516.	
		DIAO, Y. et al., "YFilter: Efficient and Scalable Filtering of XML Documents" IEEE (2002) 2 pages.	
		DRAKE, MARK et al., Oracle Corporation, "Understanding the Oracle9i XML Type," November 1, 2001, <a href="http://otn.oracle.com/oramag/oracle/01-nov/o61xml.html?_template=/ocom/technology">http://otn.oracle.com/oramag/oracle/01-nov/o61xml.html?_template=/ocom/technology</a> , data retrieved 6/29/04, pp. 1-5.	
		FUNDERBURK, J. et al., "XML programming with SQL/XML and XQuery", IBM Systems Journal, XP-002295973 (2002), pp. 642-665.	

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		GENNICK, JOHNATHAN, Oracle Corporation, "SQL in, XML out," May 1, 2003, <a href="http://otn.oracle.com/oramag/oracle/03-may/o33xml.html?_template=/ocom/technology">http://otn.oracle.com/oramag/oracle/03-may/o33xml.html?_template=/ocom/technology</a> , data retrieved 6/29/04, pp. 1-4.	
		HELMER, S. et al., "Optimized Translations of XPath into Algebraic Expressions Parameterized by Programs Containing Navigational Primitives" IEEE (2002) 10 pages.	
		Tierarchical Queries, XP-002295972, pages 8-3 to 8-7. ORACLE, "Hierarchical Queries", Oracle9i SQL Reference, Release 2 (9.2), Part Number A96540-01, XP-002295972, March 2002, pages 8-3 to 8-7.	/J.M.
		JAJODIA, SUSHIL, et al., "Toward a Multilevel Secure Relational Data Model," ACM, 1991, 8393 SIGMOD Record, 20 (1991) June, No. 2, New York, US.	
		KANG, JI-HOON et al., "An XQuery Engine for Digital Library Systems that support XML data," Proceedings of the 2004 International Symposium on Application and the Internet Workshops, IEEE XP-0010684128, 5 pages.	
		KATZ, HOWARD et al., "Integrating XQuery and Relational Database Systems," Chapter 7 - XQuery from the Experts: A Guide to the W3C XML Query Language, Addison Wesley Professional, August 22, 2003, ISBN 978-0-321-18060-5, pp. 353-391.	
		KHAN, LATIFUR, et al, "A Performance Evaluation of Storing XML Data in Relational Database Management Systems," ACM-2001 (pps: 31-38).	

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		KUDRASS, THOMAS, "Management of XML Documents Without Schema in Relational Database Systems," Information and Software Technology, Vol. 44, No. 4, March 31, 2002, XP-004347776, pages 269-275.	
		LO et al., "XAS: A System for Accessing Componentized, Virtual XML Documents," IEEE, 2001, pp. 493-502.	
		MANOLESCU, DRAGOS "Review of "Metadata solutions: using metamodels, repositories, XML, and enterprise portals to generate information on demand by Adrienne Tannenbaum", 3/2003, ACM Press, Volume 28, Issue 2, page 38.	
		MCHUGH, JASON, et al. "Indexing Semistructured Data," Stanford Science Department, 1998, XP-002248313, pp. 1-21.	
		MELTON, JIM, "ISO-ANSI Working Draft, XML-Related Specifications (SQL/XML)," WG3: DRS-020, H2-2002-365, August 2002, 154 pages.	
		MURTHY, RAVI et al., "XML Schemas in Oracle XML DB," Proceedings of the 29th VLDB Conference, 2003, IEEE XP-002353604, pp. 1009-1018.	
		MYLLYMAKI, JUSSI, "Effective Web data Extraction with Standard XML Technologies," WWW10, May 1-5, 2001, pp. 689-696.	
		NOSEN, HANSRUDI, et al., "Dynamic 3D Visualization of Database-Defined Tree Structures on the WWW by Using Rewriting Systems," 2000, IEEE, XP-002262516, pp. 247-254.	
		ORACLE, "Oracle iFS (Internet File System)," March 1999, XP-002204710, 3 pages.	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 18

OF 19

Complete if Known

Application Number	10/830,211
Filing Date	April 21, 2004
First Named Inventor	Fei Ge
Art Unit	2168
Examiner Name	Morrison, Jay A
Attorney Docket Number	50277-2433

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		ORACLE, "Oracle9i XML Database Developer's Guide – Oracle XML DB," Release 2 (9.2), October 2002, Part No. A96620-2, chapters 5 (86 pages), 10 (55 pages) & 11 (24 pages), (submitted in three separate pdf files).	
		PARK, JOON S., "Towards Secure Collaboration on the Semantic Web" (2003) ACM Press, Volume 33, Issue 2, pages 1-10.	
		PENG, FENG et al., "XPath queries on streaming data", 2003, ACM Press, pages 431-442.	
		RAMAKRISHNAN, RAGHU et al., "SRQL: Sorted Relational Query Language", 1-3 July 1998 IEEE pps: 84-95.	
		RAO, HERMAN CHUNG-HWA, ET AL., "An Overview of the Internet File System," 1997, IEEE, XP-002204711, pp. 474-477.	
		RICARDO, CATHERINE, "Database Systems: Principles, Design, & Implementation," 1990, MacMillian Publishing Co., pp. 357-361, 379-380.	
		RUEY-SHUN, CHEN, et al., "Developing an XML framework for metadata system", Trinity College Dublin, Proc. of the 1st Inter. Sympo. on Information and Communication, <del>pages 267-272, 2003, pages 267-272.</del>	/J.M./
		SCHMIDT et al. – "Efficient Relational Storage and Retrieval of XML Documents" – CWI, The Netherlands <del>(pp 1-6)</del> , 2000, <del>(pp 1-6)</del> .	/J.M./
		SCHMIDT et al., "Why and How to Benchmark XML Databases," SIGMOND Record, Vol. 3, No. 3, September 2001, pp. 27-32.	

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		SHANMUGASUNDARAM, J., et al. "Querying XML Views of Relational Data," Proceedings of the 27 <sup>th</sup> Very Large Databases Conference, Rome, Italy, September 2001, pp. 261-270.	
		THEKKATH, CHANDRAMOHAN A. et al., "Implementing network protocols at user level" (1993) ACM Press, pages 64-73.	
		VION-DURY, JEAN-YVES, "XPath on left and right sides of rules: toward compact XML tree rewriting through node patterns", 2003, ACM Press, pages 19-25.	
		VORTHMANN, S., et al. "Beyond Schemas, Schema Adjuncts and the Outside World," MARKUP LANGUAGES, Online!, Vol. 2, No. 3, June 2000, pp. 1-8.	
		W3C, "Extensible Markup Language (XML) 1.0 (Third Edition)", W3C Recommendation, dated February 4, 2004, 34 pages.	
		W3C, "XML Fragment Interchange," W3C Working Draft, June 30, 1999, XP-002167090, 17 pages	
		W3C, "XML Path Language (XPath) 2.0," W3C Recommendation, Working Draft, October 29, 2004, retrieved from the internet: <http://www.w3.org/TR/2004/WD-xpath20-20041029>, retrieved on April 14, 2005, pp. 1-111.	
		W3C, "XML Path Language (XPath) 2.0," W3C Working Draft Dated April 4, 2005, 89 pages.	

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